

FIG. 1-1

FIG. 1-2

FIG. 2-1

FIG. 2-2

FIG. 3

AMINO-ACID SEQUENCE OF THE HUMAN B3-ADRENERGIC RECEPTOR GENE

10	20	30	40	50	60	70	80
MAPWPHENSS	LAPWPDLPTL	APNTANTSGL	PGVPWEAALA	GALLALAVLA	TGGGNLLIVV	AIATPPLQT	MNVFVTSLA
90	100	110	120	130	140	150	160
AADLVMGLLV	VPPAATLALT	GHWPLGATGC	ELWTSVDVLV	VTASIELTCA	LAVDRYLAVT	NPLRYGALVT	KRCARTAVL
170	180	190	200	210	220	230	240
VWVSAAVSF	APIMSQMWRV	GADAEAQCRH	SNPRCCAFAS	NMPYVLLSSS	VSFYLPLLVM	LFVYARVFVY	ATRQLRLRG
250	260	270	280	290	300	310	320
ELGRFPPEES	PPAPSRSLAP	APVGTCAPPE	GYPACGRRPA	RLLPLREHRA	LCTLGLIMGT	FTLCMLPFFL	ANVLRALGGP
330	340	350	360	370	380	390	400
SLVPGPAFLA	LNWLGYANSA	FNPLIYCRSP	DFRSAFRLLL	CRCGRRLPPE	PCAAARPALF	PSGVPAARSS	PAQPRLCQRL
DGASWGVS							

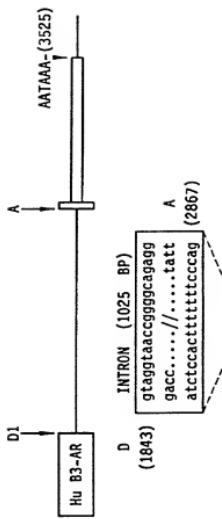
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FIG. 4

AMINO-ACID SEQUENCE OF THE MOUSE B3-ADRENERGIC RECEPTOR GENE

10	20	30	40	50	60	70	80
MAPWPHRNNS	LALWSDAPTL	DPSAANTSGL	PGVPWAALA	GALLALATVG	GNNLVIIAIA	RTPRPLQTIN	VFTVTSLAAD
90	100	110	120	130	140	150	160
LVVGLLLVMPP	GATLALTGHW	PLGETGCELM	TSVDVLCVTA	SIETLCALAV	DRYLAVTNP	RYGTLVTKR	ARAAVLWV
170	180	190	200	210	220	230	240
VSAAVSFAPI	MSQWVRVGAD	AEAQECHSNP	RCCSFASNMP	YALLSSSVF	YLPPLLVMFLV	YARVFVVAKR	QRHLLRRRELG
250	260	270	280	290	300	310	320
RFSPEEPPS	PSRSPSPATG	GTPAAPDGV	PCGRRPARLL	PRLREHRLRT	LGLIMGIFSL	CWLPPFFLANV	LRALAGPSLV
330	340	350	360	370	380	390	400
PSGVFTIALNW	LGYANSAFNPN	VIYCRSPDFR	DAFRRLLCSY	GGRGPEEPRA	VTFPASPVEA	RQSPPLNRFD	GYE GARPFPT

FIG. 5A



CCC AGG CTT TGC CAA CGG CTC GAC GGG GCT TCT TGG GGA GTT TCT taggcctgaaaggacaaggaaag...
 ... Pro Arg Leu Cys Gln Arg Leu Asp Glu Ala Ser Thr Gly Val Ser-408

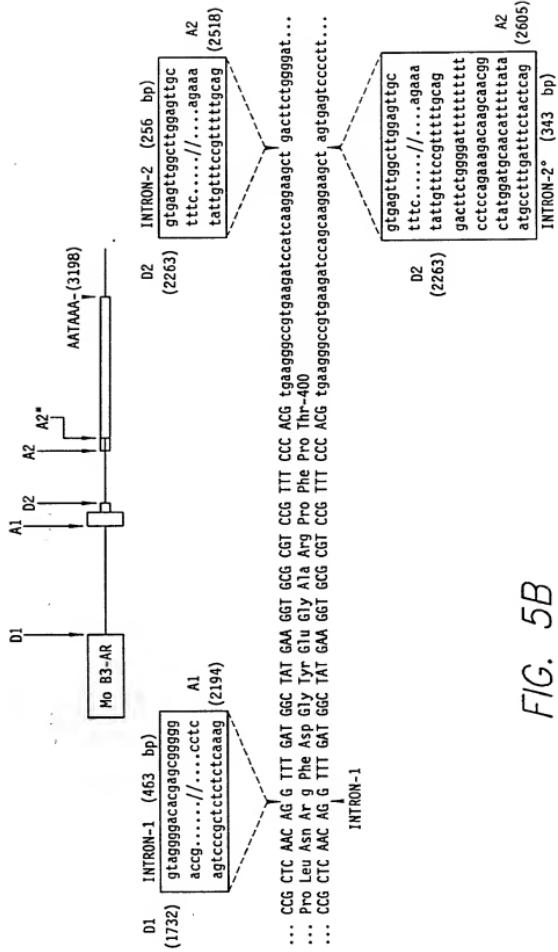


FIG. 5B